

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/006469

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A23L1/305 A23L1/29 A23K1/16 A23K1/18 A61K38/00
A61K31/195

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A23L A23K A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, FSTA, MEDLINE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | EP 1 281 325 A (NESTLE SA) 5 February 2003 (2003-02-05) paragraphs '0002!, '0003!, '0009! - '0021!, '0026!, '0032! - '0041!, '0052!, '0058!, '0063! - '0074!; claims 1-10 | 1-14 |
| X | US 2001/031723 A1 (BALLEVRE OLIVIER ET AL) 18 October 2001 (2001-10-18) paragraphs '0002!, '0004!, '0007! - '0009!, '0011! - '0013!, '0015!, '0016!, '0022!, '0023!, '0029! - '0033!, '0040! - '0042!, '0046! - '0048!, '0064!; claims 1-34, 40 figures 2,3 | 1-7 |



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *&* document member of the same patent family

Date of the actual completion of the International search

13 October 2004

Date of mailing of the international search report

27/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Couzy, F

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
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| X | WO 99/14231 A (ZUCHT HANS DIETER ;LIEPKE CORNELIA (DE); FORSSMANN WOLF GEORG (DE)) 25 March 1999 (1999-03-25) pages 1-3 example 1 claims 1,2,5-7,910 | 1-6,12 |
| X | GB 1 159 615 A (VIVONEX CORPORATION) 30 July 1969 (1969-07-30) cited in the application tables I-III page 11, lines 115-122 page 12, lines 5-8,32-35 | 1-5 |
| A | page 7, lines 11,12,21,22 page 8, lines 6-8 | 6-14 |
| X | DE 100 24 746 A (IH BRT N V) 22 November 2001 (2001-11-22) paragraphs '0003!', '0012!', '0023! - '0025!', '0027! examples 1-1.2,2 | 6,12,14 |
| X | WO 00/22945 A (SCHIFFRIN EDUARDO ;DONNET ANNE (CH); NESTLE SA (CH); VIDAL KARINE) 27 April 2000 (2000-04-27) page 9, line 26 - page 10, line 8 claims 9-19; example 1 | 6,8,10, 12-14 |
| X | US 2003/008016 A1 (ZIVKOVIC D DOROTHEA ET AL) 9 January 2003 (2003-01-09) paragraphs '0001! - '0009!, '0032! - '0034!, '0043!, '0044!, '0047! - '0052!, '0054!, '0066!, '0070! claims 1,4,5; examples 1-5 | 6,12,14 |
| X | US 5 322 836 A (SHIMAMURA SEIICHI ET AL) 21 June 1994 (1994-06-21) column 1, line 20 - column 3, line 33 examples 5,9 column 12, lines 6-21 claims 1-4 | 6 |
| X | US 5 531 988 A (PAUL STEPHEN M) 2 July 1996 (1996-07-02) column 1, lines 7-15 column 2, lines 59-65 column 3, line 24 - column 4, line 9 column 4, line 64 - column 5, line 52 column 7, lines 6-8,15-19 examples 6-11 claims 1,2,14-18,30-35 | 6 |

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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| X | <p>WO 01/58283 A (FRIESLAND BRANDS BV ;LEEUWEN PAULUS ALUISIUS MARIE (NL); GLAS CORN) 16 August 2001 (2001-08-16) page 1, lines 3-20 page 2, lines 1-6,13-19,29-32 page 3, lines 1-4 page 4, lines 3-10 claims 1-3,6,14; examples 1-5,7,9</p> | 7,13,14 |
| X | <p>US 6 180 099 B1 (PAUL STEPHEN M) 30 January 2001 (2001-01-30) column 3, line 38 - column 4, line 3 column 4, lines 37-60</p> | 6,12 |
| X | <p>DATABASE WPI Week 2002 Derwent Publications Ltd., London, GB; AN 2002-436267 XP002300655 CHEN Y, HAO Y, KONG F: "Health oral liquid" & CN 1 181 244 A (KONGYUAN BIOLOGICAL HEALTH GEN PLANT HUB) 13 May 1998 (1998-05-13) cited in the application abstract</p> | 14 |

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International application No.
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Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 12-14
because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 12-14 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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